Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1621con

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

| | | | |
|---|---|---|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | AUG 10 | Time limit for inactive STN sessions doubles to 40 minutes |
| NEWS | 3 | AUG 18 | COMPENDEX indexing changed for the Corporate Source (CS) field |
| NEWS | 4 | AUG 24 | ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced |
| NEWS | 5 | AUG 24 | CA/CAplus enhanced with legal status information for U.S. patents |
| NEWS | 6 | SEP 09 | 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY |
| NEWS | 7 | SEP 11 | WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus |
| NEWS | 8 | OCT 21 | Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded |
| NEWS | 9 | OCT 21 | Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models |

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:26:46 ON 22 OCT 2009

=> FILE CASREACT
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION

FULL ESTIMATED COST 0.88 0.88

FILE 'CASREACT' ENTERED AT 13:29:09 ON 22 OCT 2009
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT


FILE CONTENT:1840 - 17 Oct 2009 VOL 151 ISS 17

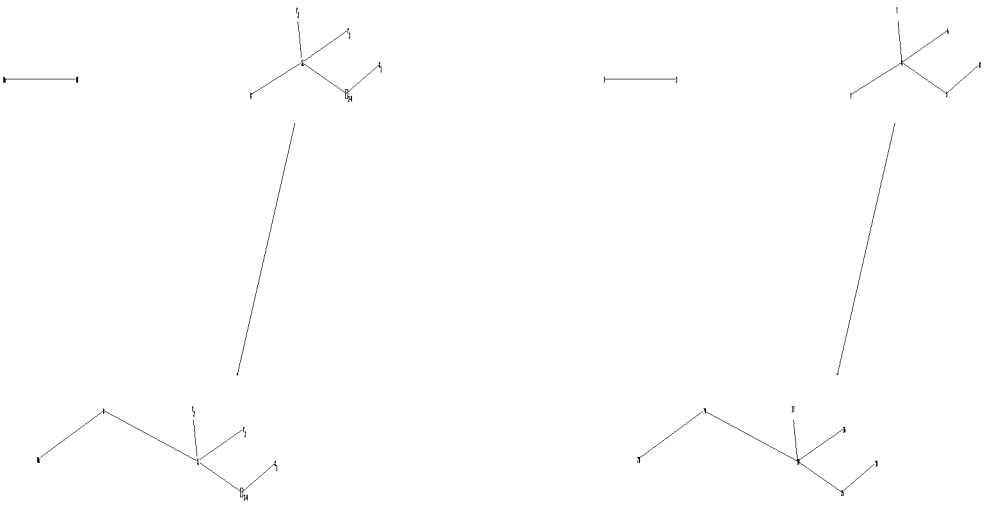
New CAS Information Use Policies, enter HELP USAGETERMS for details.

**********
*
* CASREACT now has more than 16.5 million reactions *
*
**********

CASREACT contains reactions from CAS and from: ZIC/VINITI database (1974-1999) provided by InfoChem; INPI data prior to 1986; Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich; organic reactions, portions copyright 1996-2006 John Wiley & Sons, Ltd., John Wiley and Sons, Inc., Organic Reactions Inc., and Organic Syntheses Inc. Reproduced under license. All Rights Reserved.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\Program Files\Stnexp\Queries\SSG111.str



chain nodes :
1 2 3 4 5 6 7 8 14 15 16 17 18 19 20
chain bonds :
1-2 3-4 4-5 4-6 4-7 5-8 14-17 14-15 14-16 14-19 15-18 19-20
exact/norm bonds :
1-2 4-6 4-7 5-8 14-17 14-16 15-18 19-20
exact bonds :
3-4 4-5 14-15 14-19

G1:O,Cl,Br,I

G2:Cy,Ak

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 14:CLASS
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
fragments assigned product role:
containing 14
fragments assigned reactant/reagent role:

containing 1
containing 3

L1 STRUCTURE UPLOADED

=> S L1 FULL
FULL SEARCH INITIATED 13:29:39 FILE 'CASREACT'
SCREENING
SCREENING COMPLETE - 538626 REACTIONS TO VERIFY FROM 20128 DOCUMENTS

80.5% DONE 433780 VERIFIED 19 HIT RXNS 13 DOCS

99.5% DONE 536078 VERIFIED 28 HIT RXNS 17 DOCS

100.0% DONE 538626 VERIFIED 28 HIT RXNS 17 DOCS
SEARCH TIME: 00.00.52

L2 17 SEA SSS FUL L1 ( 28 REACTIONS)

=> S L2 AND COUNTERCURRENT
199 COUNTERCURRENT
L3 0 L2 AND COUNTERCURRENT

=> S L3 AND COUNTERCURRENT
199 COUNTERCURRENT
L4 0 L3 AND COUNTERCURRENT

=> S L3 AND CONTINUOUS
3654 CONTINUOUS
L5 0 L3 AND CONTINUOUS

=> S L2 AND CONTINUOUS
3654 CONTINUOUS
L6 1 L2 AND CONTINUOUS

=> D L6 IBIB ABS CRD 1

L6 ANSWER 1 OF 1 CASREACT COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 143:26725 CASREACT
TITLE: Improved process for preparation of ω-haloalkyl-substituted dialkylalkoxysilanes by controlled alcoholysis in inert organic solvents
PATENT ASSIGNEE(S): Rhodia Chimie, Fr.
SOURCE: Fr. Demande, 33 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

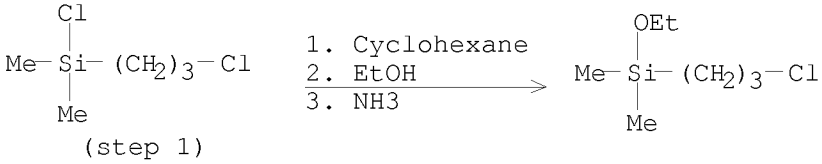
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| FR 2863614 | A1 | 20050617 | FR 2003-14579 | 20031212 |

FR 2863614 B1 20060428
WO 2005058922 A2 20050630 WO 2004-FR3185 20041210
WO 2005058922 A3 20050915
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
EP 1692148 A2 20060823 EP 2004-816369 20041210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS
CN 1902210 A 20070124 CN 2004-80040210 20041210
JP 2007513930 T 20070531 JP 2006-543587 20041210
US 20080103324 A1 20080501 US 2007-582431 20070402
PRIORITY APPLN. INFO.: FR 2003-14579 20031212
WO 2004-FR3185 20041210

OTHER SOURCE(S): MARPAT 143:26725

AB Alkoxysilanes (R1O)R2R3Si(CH2)3X [3, R1 = C1-15 (un)branched alkyl or C2-8 alkoxyalkyl; R2, R3 = C1-6 (un)branched alkyl, Ph; X = Cl, Br, I, substituted benzenesulfonate, alkanesulfonate, carboxylate; most preferred, X = Cl], useful as intermediates in production of polysulfides (R1O)R2R3Si(CH2)3Sn(CH2)3SiR2R3(OR1) (4, n = 1.5-5, same R1-R3) (no data), were prepared by controlled (dis)continuous alcoholysis of chlorosilanes ClR2R3Si(CH2)3X with alcs. R1OH in inert (cyclo)alkane solvents, chosen from hexane, heptane, cyclohexane and their mixts. with pentane, having b.p. close to that of the alc. and applied in amts. to provide 5-30 wt% of the alc. concentration in the solution The forming hydrochloric acid, which causes undesired side-reactions of the chlorosilane condensation, is removed from reaction by degassing during reflux of the volatile reaction components. The polysulfides 4 may be then obtained by reaction of the haloalkylsilanes 3 with alkali metal polysulfides. In an example, ethanolysis of ClMe2Si(CH2)3Cl (1.75 mol) was performed at 94° in a stirred reactor equipped with reflux column by dissoln. of the silane in 300 g of cyclohexane and addition of ethanol in a discontinuous manner in two portions (73.4 and 26.6% of the total amount of 2.63 mol; during 40 and 30 min, resp.), each followed by a reflux periods of 1 and 1.5 h, resp.; the basic work-up included addition of 0.5 g of gaseous NH3 and distillation, affording (EtO)Me2Si(CH2)3Cl in 97% yield with 100% conversion of the chlorosilane.

RX(1) OF 1




(step 1)

NOTE: 100% conversion, 97% selectivity
CON: STAGE(1) room temperature -> 94 deg C, 1 atm; 1 hour, 94 deg C, 1 atm
STAGE(2) 1 hour, 65 deg C

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 146.42 | 147.30 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -0.78 | -0.78 |

STN INTERNATIONAL LOGOFF AT 13:40:29 ON 22 OCT 2009